

Coast Guard, DHS

§ 108.495

(b) Each portable and semi-portable fire extinguisher must be visible and readily accessible.

(c) The location, size, and number of each portable and semiportable fire extinguisher on a unit must be acceptable to the appropriate OCMI. The OCMI may require extinguishers in addition to those prescribed in Table 108.495(a) if he considers them necessary for fire protection on the unit.

(d) Each hand portable and semiportable fire extinguisher that has a nameplate which states that it is to be protected from freezing, must be lo-

cated where freezing temperatures do not occur.

§ 108.495 Spare charges.

(a) Each unit must have enough spare charges for 50 percent of the hand portable fire extinguishers required under Table 108.495(a) of this subpart that are rechargeable by personnel on the unit.

(b) If a unit has extinguishers that cannot be recharged by personnel on unit, it must also have at least one spare extinguisher for each classification and variety of those extinguishers.

TABLE 108.495(a)—HAND PORTABLE FIRE EXTINGUISHERS AND SEMI-PORTABLE FIRE-EXTINGUISHING SYSTEMS

| Space | Classification (see table 108.495(b)) | Quantity and location |
|---|---------------------------------------|---|
| SAFETY AREAS | | |
| Wheelhouse and control room | C-I | 2 in vicinity of exit. |
| Stairway and elevator enclosure ..... | ..... | None required. |
| Corridors | A-II | 1 in each corridor not more than 150 ft (45 m) apart. (May be located in stairways.) |
| Lifeboat embarkation and lowering stations ..... | ..... | None required. |
| Radio room | C-I | 2 in vicinity of exit. |
| ACCOMMODATIONS | | |
| Staterooms, toilet spaces, public spaces, offices, lockers, small storerooms, and pantries, open decks, and similar spaces. | ..... | None required. |
| SERVICE SPACES | | |
| Galley | B-II or C-II | 1 for each 2,500 ft ² (232 m ²) or fraction thereof suitable for hazards involved. |
| Paint and lamp rooms | B-II | 1 outside each room in vicinity of exit. |
| Storerooms | A-II | 1 for each 2,500 ft ² (232 m ²) or fraction thereof located in vicinity of exits, either inside or outside the spaces. |
| Work shop and similar spaces | C-II | 1 outside each space in vicinity of an exit. |
| MACHINERY SPACES | | |
| Oil-fired boilers: Spaces containing oil-fired boilers, either main or auxiliary, or their fuel oil units. | B-II | 2 required in each space. |
| Internal combustion or gas turbine propelling machinery spaces. | B-V | 1 required in each space. |
| ..... | B-II | 1 for each 1,000 brake horsepower but not less than 2 nor more than 6 in each space. |
| ..... | B-III | 1 required in each space. See note 1. |
| Motors or generators of electric propelling machinery that do not have an enclosed ventilating system. | C-II | 1 for each motor or generator. |
| Motors and generators of electric propelling machinery that have enclosed ventilating systems. | ..... | None required. |
| AUXILIARY SPACES | | |
| Internal combustion engines or gas turbine | B-II | Outside the space containing engines or turbines in vicinity of exit. |
| Electric emergency motors or generators | C-II | 1 outside the space containing motors or generators in vicinity of exit. |
| Steam driven auxiliary machinery ..... | ..... | None required. |
| Trunks to machinery spaces ..... | ..... | Do. |
| Fuel tanks ..... | ..... | Do. |
| MISCELLANEOUS AREAS | | |
| Helicopter landing decks | B-V | 1 at each access route. |
| Helicopter fueling facilities | B-IV | 1 at each fuel transfer facility. See note 2. |

TABLE 108.495(a)—HAND PORTABLE FIRE EXTINGUISHERS AND SEMI-PORTABLE FIRE-EXTINGUISHING SYSTEMS—Continued

| Space | Classification (see table 108.495(b)) | Quantity and location |
|---|---------------------------------------|-----------------------|
| Drill floor | C-II | 2 required. |
| Cranes with internal combustion engines | B-II | 1 required. |

Notes: 1. Not required where a fixed gas extinguishing system is installed.
2. Not required where a fixed foam system is installed in accordance with § 108.489 of this subpart.

TABLE 108.495(b)

| | Classification: Type and size | Water liters (gallons) | Foam liters (gallons) | Carbon dioxide kilograms (pounds) | Dry chemical kilograms (pounds) | Halon 1211 kilograms (pounds) |
|---------|-------------------------------|------------------------|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| A | II | 9.5 (2½) | 9.5 (2½) ..... | ..... | 2.25 (5) ³ . | |
| B | I ..... | ..... | 4.7 (1¼) | 1.8 (4) | 0.9 (2) | 1.1 (2½) |
| B | II ..... | ..... | 9.5 (2½) | 6.7 (15) | 4.5 (10) | 4.5 (10) ⁵ |
| B | III ..... | ..... | 45.5 (12) | 15.8 (35) | 9.0 (20). | |
| B | IV ..... | ..... | 7.6 (20) | 22.5 (50) | 13.5 (30). | |
| B | V ..... | ..... | 152 (40) | 45 (100) ⁴ | 22.5 (50) ⁴ . | |
| C | I ..... | ..... | ..... | 1.8 (4) | 0.9 (2). | |
| C | II ..... | ..... | ..... | 6.7 (15) | 4.5 (10). | |
| C | III ..... | ..... | ..... | 15.8 (35) | 9.0 (20). | |
| C | IV ..... | ..... | ..... | 22.5 (50) | 13.5 (30). | |

NOTE: 1. Fire extinguishers are designed by type as follows: (a) "A" for fires in combustible materials such as wood. (b) "B" for fires in flammable liquids and greases. (c) "C" for fires in electrical equipment.
2. Fire extinguishers are designated by size where size "I" is the smallest and size "V" is the largest. Sizes "I" and "II" are hand-portable extinguishers and sizes "III", "IV", and "V" are semi-portable extinguishers.
3. Must be specifically approved as a type A, B, or C extinguisher.
4. For outside use, double the quantity of agent that must be carried.
5. For outside use only.

§ 108.496 Semiportable fire extinguishers.

(a) The frame or support of each size III, IV, and V fire extinguisher required by Table 108.495(a), except a wheeled size V extinguisher provided for a helicopter landing deck, must be welded or otherwise permanently attached to a bulkhead or deck.

(b) If the following semiportable fire extinguishers have wheels, they must be securely stowed when not in use to prevent them from rolling out of control under heavy sea conditions:

(1) Each size V extinguisher required for a helicopter landing deck.

(2) Each size III, IV, and V extinguisher that is not required by Table 108.495(a).

[CGD 77–039, 44 FR 34133, June 14, 1979]

MISCELLANEOUS FIREFIGHTING EQUIPMENT

§ 108.497 Fireman's outfits.

Each unit must have at least 2 fireman's outfits. Each fireman's outfit on a unit must consist of—

(a) A pressure-demand, open-circuit, self-contained breathing apparatus, approved by the Mine Safety and Health Administration (MSHA) and by the National Institute for Occupational Safety and Health (NIOSH) and having at a minimum a 30-minute air supply, a full facepiece, and a spare charge; but a self-contained compressed-air breathing apparatus previously approved by MSHA and NIOSH under part 160, subpart 160.011, of this chapter may continue in use as required equipment if it was part of the vessel's equipment on November 23, 1992, and as long as it is maintained in good condition to the satisfaction of the Officer in Charge, Marine Inspection;

(b) A Type II or Type III flashlight constructed and marked in accordance with ASTM F 1014 (incorporated by reference, see § 108.101).

(c) An oxygen and explosive meter with the Underwriter's Laboratories, Inc. label or the Factory Mutual label;

(d) A lifeline that—

(1) Is attached to a belt or a suitable harness;

(2) Is made of bronze wire rope, inherently corrosion resistant steel wire